

Refine Search

Search Results -

Term	Documents
DESCREEN\$5	0
DESCREEN	42
DESCREENATION	2
DESCREENED	66
DESCREENER	10
DESCREENING	134
DESCREENS	5
DE-SCREEN\$5	0
DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN\$5 OR DE-SCREEN\$5) SAME (LIN\$3 NEAR3 SMOOTH\$3 NEAR3 FILTER\$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	0

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L7

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, May 17, 2004 [Printable Copy](#) [Create Case](#)

Set
Name Query
 side by
 side

Hit
Count Set
 Name
 result set

DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L7</u>	L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near3 smooth\$3 near3 filter\$3))	0	<u>L7</u>
<u>L6</u>	L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near2 smooth\$3))	0	<u>L6</u>
<u>L5</u>	L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near2 smooth\$3))	0	<u>L5</u>
<u>L4</u>	L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near3 smooth\$3 near3 filter\$3))	0	<u>L4</u>
<u>L3</u>	l1 and l2	2560	<u>L3</u>
<u>L2</u>	(358/1.9 or 358/3.2 or 358/3.06 or 358/3.07 or 358/3.08 or 358/3.09 or 358/534 or 358/535 or 358/536).ccls.	3526	<u>L2</u>
<u>L1</u>	@ad<20000928	19636225	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Term	Documents
DESCREEN\$5	0
DESCREEN	42
DESCREENATION	2
DESCREENED	66
DESCREENER	10
DESCREENING	134
DESCREENS	5
DE-SCREEN\$5	0
DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN\$5 OR DE-SCREEN\$5) SAME (LIN\$3 NEAR2 SMOOTH\$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	0

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

[Refine Search](#)

[Recall Text](#)

[Clear](#)

[Interrupt](#)

Search History

DATE: Monday, May 17, 2004 [Printable Copy](#) [Create Case](#)

Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L5 L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near2 smooth\$3))

0 L5

<u>L4</u>	L3 and ((descreen\$5 or de-screen\$5) same (lin\$3 near3 smooth\$3 near3 filter\$3))	0	<u>L4</u>
<u>L3</u>	l1 and l2	2560	<u>L3</u>
<u>L2</u>	(358/1.9 or 358/3.2 or 358/3.06 or 358/3.07 or 358/3.08 or 358/3.09 or 358/534 or 358/535 or 358/536).ccls.	3526	<u>L2</u>
<u>L1</u>	@ad<20000928	19636225	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5799112 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 3

File: USPT

Aug 25, 1998

US-PAT-NO: 5799112

DOCUMENT-IDENTIFIER: US 5799112 A

TITLE: Method and apparatus for wavelet-based universal halftone image unscreening

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de Queiroz; Ricardo L.	Fairport	NY		
Luo; Jiebo	Rochester	NY		
Fan; Zhigang	Webster	NY		

US-CL-CURRENT: 382/254; 358/3.08, 358/447, 382/261, 382/263, 382/264

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-----

☐ 2. Document ID: US 4288821 A

L8: Entry 2 of 3

File: USPT

Sep 8, 1981

DOCUMENT-IDENTIFIER: US 4288821 A

** See image for Certificate of Correction **

TITLE: Multi-resolution image signal processing apparatus and method

Application Filing Date (1):
19800602

Detailed Description Text (9):

Image pixels from low resolution array 16 are input through line 24 to descreening filter 52 of high frequency halftone and continuous tone processing section 29.

Detailed Description Text (30):

High frequency halftone and continuous tone processing section 29 employs a one dimensional descreening filter 52. For example, where the scanning frequency is 500 scan lines/inch, filter 52 may comprise a simple low pass 1.times.7 matrix linear filter preferably tailored to provide some enhancement for sharpening edges at the points where signal levels change, to smooth out the high frequency image pixel output of low resolution array 15. Following descreening, the image pixels are fed via selector 27 to a relatively low frequency electronic screen 54 of the type preferably employing cyclic changes in threshold values whereat the pixels are rescreened at a lower frequency.

h e b b g e e f e e c ef b e

Where, as above, the original sampling frequency is 500 scan lines/inch, one suitable screen comprises a 70 cells/inch 45.degree. screen with conventional S-shaped Tone Reproduction Control (TRC). Continuous tone image signals output by high resolution array 14 are input directly to screen 54 through selector 27.

Current US Original Classification (1):
358/3.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-----

☐ 3. Document ID: US 4194221 A

L8: Entry 3 of 3

File: USPT

Mar 18, 1980

DOCUMENT-IDENTIFIER: US 4194221 A

TITLE: Automatic multimode continuous halftone line copy reproduction

Application Filing Date (1):
19781226

Detailed Description Text (30):

High frequency halftone processing section 29 employs a descreening filter 52. For example, where the scanning frequency is 500 scan lines/inch, filter 52 may comprise a simple low pass 5.times.7 matrix linear filter preferably tailored to provide some enhancement for sharpening edges at the points where signal levels change, to smooth out the high frequency image signals from lines L.sub.1, L.sub.2, L.sub.3, L.sub.4, L.sub.5. Following descreening, the image signal is fed to a relatively low frequency electronic screen 54 of the type preferably employing cyclic changes in threshold values whereat the image is rescreened at a lower frequency. Where, as above, the original sampling frequency is 500 scan lines/inch, one suitable screen comprises a 70 cells/inch 45.degree. screen with conventional S-shaped Tone Reproduction Control (TRC). The output of screen 54 is fed to one pixel storage buffer 55 pending determination by autocorrelator 22 of whether the image data is high frequency halftone or not.

Current US Original Classification (1):
358/3.08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-----

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
DESCREEN\$5	0
DESCREEN	42
DESCREENATION	2
DESCREENED	66
DESCREENER	10
DESCREENING	134
DESCREENS	5

DE-SCREEN\$5	0
DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN\$5 OR DE-SCREEN\$5) SAME (LIN\$3 NEAR3 FILTER\$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	3

There are more results than shown above. Click here to view the entire set.

Display Format: **Change Format**

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)